



INFORMATION DISCLOSURE CITATION IN THIS APPLICATION  (Use several sheets if necessary)				DOCKET NUMBER 50544.00004 (NVLS 379)			APPLICATION NUMBER 09/872,796		
				APPLICANT Craig L. Stevens, et al.					
				FILING DATE June 1, 2001			GROUP ART UNIT 2812 2313		
U.S. PATENT DOCUMENTS									
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
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FOREIGN PATENT DOCUMENTS									
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
	U						Yes	No	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
	V	<del>"Operator's Handbook," MB<sup>2</sup> Modular Sputtering System, Varian Semiconductor Equipment, TFS Technical Publications, October, 1994, Table of Contents, i - iv, Pages 1-2, 2-1, 2-6; 3-1, 3-2; 4-1, 4-4, 5-24.</del>							
		<del>"Drawings &amp; Schematics Manual" Backbone Vol. 1, MB<sup>2</sup> Modular Sputtering System, Varian Semiconductor Equipment, TFS Technical Publications, June 1996, Table of Contents, i - vii; Index by Drawing Title, viii - xiii; Index by Drawing Number, xiv - xix.</del>							
		<del>"Various Engineering Drawings for Varian Semiconductor Processing System," Varian Associates, Exact Dates Unknown, Pages 244 245, 247 - 272- 274-1.</del>							
EXAMINER <i>E. K. L.</i>				DATE CONSIDERED <i>12/11/02</i>					
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet. 1 of 2

**Complete if Known**

Application Number	09/872,796
Filing Date	June 1, 2001
First Named Inventor	Craig L. Stevens
Group Art Unit	2813
Examiner Name	Kielin, Erik J.
Attorney Docket Number	10001.000600 (NVLS 379)

U.S. PATENT DOCUMENTS

[illegible]

CLASS  
SUB CLASS

## FOREIGN PATENT DOCUMENTS

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3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
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**Complete if Known**

Application Number	09/872,796
Filing Date	June 1, 2001
First Named Inventor	Craig L. Stevens
Group Art Unit	2813
Examiner Name	Kielin, Erik J.
Attorney Docket Number	10001.000600 (NVLS 379)

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
EK	A7	"Operator's Handbook", MB2 Modular Sputtering System, Varian Semiconductor Equipment, TFS Technical Publications, October 1994.	
EK	A8	"Drawings & Schematics Manual" Backbone Volume 1, MB 2 Modular Sputtering System, Varian Semiconductor Equipment, TFS Technical Publications, June 1996.	
EK	A9	Various Engineering Drawings, Published as early as October 1993, Varian Semiconductor Processing System, Varian Associates, Palo Alto, California.	

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Signature

Erik Kielin

Date  
Considered

5/17/03

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION				DOCKET NUMBER 50544.00004 (NVLS 379)		APPLICATION NUMBER 09/18/2796 Unassigned		
(Use several sheets if necessary)				APPLICANT Craig L. Stevens and Karl B. Levy		GROUP ART UNIT Unassigned 2813		
				FILING DATE June 1, 2001		FILING DATE IF APPROPRIATE		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
EK	A	5,186,718	02/16/93	Avi Tepman, et. al.	29	25.01	04/15/91	
EK	B	4,917,556	04/17/90	Lawrence R. Stark, et. al.	414	217	05/26/89	
EK	C	5,135,608	08/04/92	Ken Okutani	156	643	07/10/90	
EK	D	5,314,541	05/24/94	Masasi Saito, et. al.	118	725	05/28/92	
EK	E	6,048,154	04/11/00	Joe Wytman	414	217	10/02/96	
EK	F	4,705,951	11/10/87	Frederick P. Layman, et. al.	250	442.1	04/17/86	
EK	G	4,228,358	10/14/80	Geoffrey Ryding	250	457	10/14/80	
EK	H	4,042,128	08/16/77	Robert L. Shrader	214	17 B	11/26/75	
EK	I	5,518,542	05/21/96	Hiroyuki Matsukawa, et. al.	118	52	11/04/94	
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EK	L	5,676,590	10/14/97	Naoki Hiraoka	451	287	12/29/95	
EK	M	5,753,133	05/19/98	Jerry Wong, et. al.	216	67	07/11/94	
EK	N	5,902,088	05/11/99	Kevin Fairbairn, et. al.	414	217	11/18/96	
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EK	P	6,007,675	12/28/99	Masato Toshima	156	345	12/01/97	
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EK	T	5,951,770	09/14/99	Ilya Perlov, et al.	118	719	06/04/97	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
	U						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
EX	V	John F. O'Hanlon, et al: "Reduction of water aerosol contamination during pumping of a vacuum chamber from atmospheric pressure" <u>American Vacuum Society</u> , J. Vac.Sci.Technol. A 9 (5); Sep/Oct 1991, Pages 2802-2807
EXAMINER	<i>Eric K...</i>	DATE CONSIDERED 12/11/02
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First Named Inventor	Craig L. Stevens
Group Art Unit	2813
Examiner Name	Kiehn, Erik J.
Attorney Docket Number	10001.000600 (NVLS 379)

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
EK	A10	US-3,202,406	Aug. 24, 1965	Tack	
	A11	US-4,220,899	Sept. 2, 1980	Von Der Heide	
	A12	US-4,560,911	Dec. 24, 1985	Chitayat	
	A13	US-4,604,020	Aug. 5, 1986	Toro Lira, et al.	
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	A15	US-4,619,573	Oct. 28, 1986	Rathman, et al.	
	A16	US-5,228,669	Jul. 20, 1993	Takei	
	A17	US-5,344,542	Sept. 6, 1994	Maher, et al.	
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	A19	US-5,878,556	Mar. 2, 1999	Takanami	
	A20	US-6,271,606	Aug. 7, 2001	Hazelton	
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## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
EK	A22	JP 410178083A	06-30-1998	Kokusai Electric CO LTD		
EK	A23	FR 2 768 028 A1	01-15-1999	Ecole Nationale Supérieure Des		

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